

WASH\_1576891.1 30 MAR 2006

FORM PTO-1390 (Modified)  
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  
(REV 12-2004)

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>053694-0134</b>
INTERNATIONAL APPLICATION NO. PCT/GB04/02975	INTERNATIONAL FILING DATE 7/9/2004	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/563,121</b>
PRIORITY DATE CLAIMED 7/10/2003		
TITLE OF INVENTION <b>PIXEL ARRANGEMENT FOR AN AUTOSTEREOSCOPIC DISPLAY APPARATUS</b>		
APPLICANT(S) FOR DO/EO/US Jonathan HARROLD et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). <input type="checkbox"/> has been communicated by the International Bureau. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <input type="checkbox"/> is attached hereto. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). <input type="checkbox"/> have been communicated by the International Bureau. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information</p>		

U.S. APPLICATION NO. (If known, see 37 CFR. 1.5) <b>10/563,121</b>		INTERNATIONAL APPLICATION NO. PCT/GB04/02975		ATTORNEY'S DOCKET NUMBER 053694-0134																																																																																																																																																																													
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input type="checkbox"/> Basic national fee</td> <td colspan="2">\$300</td> <td colspan="3">\$ 0.00</td> </tr> <tr> <td>22. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td colspan="2">\$100</td> <td colspan="3">\$ 0.00</td> </tr> <tr> <td>All other situations</td> <td colspan="2">\$200</td> <td colspan="3"></td> </tr> <tr> <td>23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td colspan="2">\$100</td> <td colspan="3"></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td colspan="2">\$400</td> <td colspan="3"></td> </tr> <tr> <td>All other situations</td> <td colspan="2">\$500</td> <td colspan="3">\$ 0.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE 21, 22 and 23 =</b></td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.         </td> </tr> <tr> <td>Total Sheets</td> <td>Extra sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td colspan="2"></td> </tr> <tr> <td>47 - 100 = 0</td> <td>/50 = 0</td> <td></td> <td>x \$ 250.00</td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td colspan="2">\$</td> </tr> <tr> <td>Total Claims</td> <td>35</td> <td>- 35 = 0</td> <td>x \$ 50.00</td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>- 3 = 0</td> <td>x \$ 200.00</td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2">+ \$ 360.00</td> </tr> <tr> <td colspan="4"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td colspan="2">\$ 0.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.         </td> <td colspan="2">+ \$ 0.00</td> </tr> <tr> <td colspan="6"><b>SUBTOTAL =</b> \$ 0.00</td> </tr> <tr> <td colspan="6">Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="6"><b>TOTAL NATIONAL FEE =</b> \$ 0.00</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property</td> </tr> <tr> <td colspan="6"><b>TOTAL FEES ENCLOSED =</b> \$ 0.00</td> </tr> <tr> <td colspan="6"> <table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table> </td> </tr> <tr> <td colspan="6"> <p>a. <input type="checkbox"/> A check in the amount of \$ 0.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$ 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p> </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6">         Foley &amp; Lardner LLP          Customer Number: 22428       </td> </tr> <tr> <td colspan="6">         Michael D. Kaminski          NAME          32,904          REGISTRATION NUMBER       </td> </tr> </table>						21. <input type="checkbox"/> Basic national fee	\$300		\$ 0.00			22. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100		\$ 0.00			All other situations	\$200					23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100					International Search Report prepared and provided to the Office	\$400					All other situations	\$500		\$ 0.00			<b>TOTAL OF ABOVE 21, 22 and 23 =</b>				\$ 0.00		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.						Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			47 - 100 = 0	/50 = 0		x \$ 250.00	\$ 0.00		Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		Total Claims	35	- 35 = 0	x \$ 50.00	\$ 0.00		Independent Claims	3	- 3 = 0	x \$ 200.00	\$ 0.00		MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$ 360.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 0.00		<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				+ \$ 0.00		<b>SUBTOTAL =</b> \$ 0.00						Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						<b>TOTAL NATIONAL FEE =</b> \$ 0.00						Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property						<b>TOTAL FEES ENCLOSED =</b> \$ 0.00						<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>						Amount to be refunded:		charged:		<p>a. <input type="checkbox"/> A check in the amount of \$ 0.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$ 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>						NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						SEND ALL CORRESPONDENCE TO:						Foley & Lardner LLP Customer Number: 22428						Michael D. Kaminski NAME 32,904 REGISTRATION NUMBER					
21. <input type="checkbox"/> Basic national fee	\$300		\$ 0.00																																																																																																																																																																														
22. <input type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100		\$ 0.00																																																																																																																																																																														
All other situations	\$200																																																																																																																																																																																
23. <input type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100																																																																																																																																																																																
International Search Report prepared and provided to the Office	\$400																																																																																																																																																																																
All other situations	\$500		\$ 0.00																																																																																																																																																																														
<b>TOTAL OF ABOVE 21, 22 and 23 =</b>				\$ 0.00																																																																																																																																																																													
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$ for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																																																	
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																																																														
47 - 100 = 0	/50 = 0		x \$ 250.00	\$ 0.00																																																																																																																																																																													
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e))																																																																																																																																																																																	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																																																																																																																																																																													
Total Claims	35	- 35 = 0	x \$ 50.00	\$ 0.00																																																																																																																																																																													
Independent Claims	3	- 3 = 0	x \$ 200.00	\$ 0.00																																																																																																																																																																													
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$ 360.00																																																																																																																																																																													
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 0.00																																																																																																																																																																													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				+ \$ 0.00																																																																																																																																																																													
<b>SUBTOTAL =</b> \$ 0.00																																																																																																																																																																																	
Processing fee of 130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																																																																																																	
<b>TOTAL NATIONAL FEE =</b> \$ 0.00																																																																																																																																																																																	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). 40.00 per property																																																																																																																																																																																	
<b>TOTAL FEES ENCLOSED =</b> \$ 0.00																																																																																																																																																																																	
<table border="1"> <tr> <td>Amount to be refunded:</td> <td></td> </tr> <tr> <td>charged:</td> <td></td> </tr> </table>						Amount to be refunded:		charged:																																																																																																																																																																									
Amount to be refunded:																																																																																																																																																																																	
charged:																																																																																																																																																																																	
<p>a. <input type="checkbox"/> A check in the amount of \$ 0.00 to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. <u>19-0741</u> in the amount of \$ 0.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>19-0741</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charge to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																																																																																																																																																																																	
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																																																																																																																																																																	
SEND ALL CORRESPONDENCE TO:																																																																																																																																																																																	
Foley & Lardner LLP Customer Number: 22428																																																																																																																																																																																	
Michael D. Kaminski NAME 32,904 REGISTRATION NUMBER																																																																																																																																																																																	

March 30, 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Jonathan HARROLD et al.

Title: PIXEL ARRANGEMENT FOR AN  
AUTOSTEREOSCOPIC DISPLAY  
APPARATUS

Appl. No.: 10/563,121

Filing Date: 1/3/2006

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English. Some of the documents were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the Examiner.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 30, 2006

By Michael D. Kaminski

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5490  
Facsimile: (202) 672-5399

Michael D. Kaminski  
Attorney for Applicant  
Registration No. 32,904

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: March 30, 2006 <i>(use as many sheets as necessary)</i>				Application Number	10/563,121
Sheet	1	of	1	Filing Date	1/3/2006
				First Named Inventor	Jonathan HARROLD
				Group Art Unit	Unassigned
				Examiner Name	Unassigned
				Attorney Docket Number	053694-0134

#### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
A1	2002/0126389	A1		Moseley et al.	09/12/2002	

#### U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Application Document		Name of Patentee or Applicant of Cited Document	Filing Date of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Serial Number	Kind Code <sup>2</sup> (if known)			

#### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
A2	EP	0 625 861	A2	Sharp Kabushiki Kaisha	11/23/1994			
A3	EP	0 829 743	A2	Sharp Kabushiki Kaisha	03/18/1998			
A4	EP	0 833 184	A1	Sharp Kabushiki Kaisha	04/01/1998			
A5	WO	03/015424	A2	Ocuity Limited	02/20/2003			

#### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>
	A6	EICHENLAUB, Jesse B., "Developments in Autostereoscopic Technology at Dimension Technologies Inc.", 1993, Proc. of SPIE, Vol. 1915, Stereoscopic Displays and Applications IV, pgs. 177-186.					

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.